

## EAST Search History

| Ref # | Hits | Search Query                                                                                | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------------------------------------------------------------------------|-------|------------------|---------|------------------|
| L1    | 7    | (photodiode AND amplifier AND differential AND resistors! AND feedback AND resistance).CLM. | USPAT | OR               | ON      | 2007/11/20 17:11 |

## EAST Search History

| Ref # | Hits | Search Query                                                                                                   | DBs                                                            | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------|---------|------------------|
| S24   | 909  | ho-chi\$.in.                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/11/19 13:29 |
| S22   | 68   | tan-boon\$.in.                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/11/19 13:29 |
| S26   | 6    | (S22 OR S24) AND (resist\$4 NEAR4 switch\$3)                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/11/19 13:35 |
| S25   | 5    | S22 AND S24                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/11/19 13:35 |
| S16   | 974  | (@ad<"20040421" OR @rlad<"20040421") AND (red SAME green SAME blue SAME (white NEAR3 pixel))                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/11/19 13:44 |
| S27   | 184  | (@ad<"20040421" OR @rlad<"20040421") AND (348/294, 302,308 OR 250/208.1).CCLS. AND (resist\$5 NEAR5 switch\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/11/19 13:49 |
| S30   | 4    | ("6677569").URPN.                                                                                              | USPAT                                                          | OR               | ON      | 2007/11/19 13:59 |
| S29   | 5    | ("3858200"   "4419692"   "5192951"   "5665969"   "6248990").PN.                                                | US-PGPUB;<br>USPAT;<br>USOCR                                   | OR               | ON      | 2007/11/19 13:59 |
| S28   | 38   | (@ad<"20040421" OR @rlad<"20040421") AND (257/291, 292).CCLS. AND (resist\$5 NEAR5 switch\$3)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/11/19 14:18 |

## EAST Search History

|     |     |                                                                                                                                                                                                                                                                                                                                              |                                                                |    |    |                  |
|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----|----|------------------|
| S31 | 526 | (@ad<"20040421" OR @rlad<"20040421") AND ("image sensor" OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor" OR "imaging apparatus" OR "image capturing" OR "video sensor" OR "imaging unit") AND (opamp OR "op amp" OR amplif\$7) AND feedback AND (switch\$3 NEAR7 resist\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/11/19 14:20 |
| S32 | 7   | ("4363963"   "4407010"   "4518863"   "4571624"   "4587562"   "4678938"   "4728802").PN.                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR                                   | OR | ON | 2007/11/19 15:35 |